```
EEEEEEEEEEEEEEEE   DDDDDDDDDD      TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEEE  DDDDDDDDDD      TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEEE  DDDDDDDDDD      TTTTTTTTTTTTTTT
EEE                DDD       DDD         TTT
EEE                DDD       DDD         TTT
EEE                DDD       DDD         TTT
EEE                DDD       DDD         TTT
EEE                DDD       DDD         TTT
EEEEEEEEEEEEE      DDD       DDD         TTT
EEEEEEEEEEEEE      DDD       DDD         TTT
EEEEEEEEEEEEE      DDD       DDD         TTT
EEE                DDD       DDD         TTT
EEE                DDD       DDD         TTT
EEE                DDD       DDD         TTT
EEE                DDD       DDD         TTT
EEE                DDD       DDD         TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD            TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD            TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD            TTT
```

```
CCCCCCCC   HH      HH  MM        MM  KK       KK  EEEEEEEEEE  YY       YY  WW          WW  RRRRRRRR    DDDDDDDD
CCCCCCCC   HH      HH  MM        MM  KK      KK   EEEEEEEEEE  YY       YY  WW          WW  RRRRRRRR    DDDDDDDD
CC         HH      HH  MMMM    MMMM  KK     KK    EE           YY     YY   WW          WW  RR      RR  DD        DD
CC         HH      HH  MMMM    MMMM  KK    KK     EE            YY   YY    WW          WW  RR      RR  DD        DD
CC         HH      HH  MM  MM  MM MM KK  KK       EE             YY YY     WW          WW  RR      RR  DD        DD
CC         HH      HH  MM   MM   MM  KK KK        EE              YY       WW          WW  RR      RR  DD        DD
CC         HHHHHHHHHH  MM        MM  KKKKK        EEEEEEE         YY       WW          WW  RRRRRRRR    DD        DD
CC         HHHHHHHHHH  MM        MM  KKKKK        EEEEEEE         YY       WW          WW  RRRRRRRR    DD        DD
CC         HH      HH  MM        MM  KK  KK       EE             YY       WW    WW    WW  RR    RR    DD        DD
CC         HH      HH  MM        MM  KK   KK      EE             YY       WW   WW WW  WW  RR     RR   DD        DD
CC         HH      HH  MM        MM  KK    KK     EE             YY       WWWW   WWWW      RR      RR  DD        DD
CC         HH      HH  MM        MM  KK     KK    EE             YY       WWWW   WWWW      RR      RR  DD        DD     ....
CCCCCCCC   HH      HH  MM        MM  KK      KK   EEEEEEEEEE     YY       WW          WW  RR      RR  DDDDDDDD         ....
CCCCCCCC   HH      HH  MM        MM  KK       KK  EEEEEEEEEE     YY       WW          WW  RR      RR  DDDDDDDD         ....

LL              IIIIII      SSSSSSSS
LL              IIIIII      SSSSSSSS
LL                II             SS
LL                II             SS
LL                II             SS
LL                II         SSSSSS
LL                II         SSSSSS
LL                II                SS
LL                II                SS
LL                II                SS
LL                II                SS
LLLLLLLLLL      IIIIII      SSSSSSSS
LLLLLLLLLL      IIIIII      SSSSSSSS
```

```
   1   0001  0  %TITLE 'EDT$CHMKEYWRD - look for a keyword'
   2   0002  0  MODULE EDT$CHMKEYWRD (                          ! Look for a keyword
   3   0003  0                  IDENT = 'V04-000'               ! File: CHMKEYWRD.BLI Edit: JBS1009
   4   0004  0                  ) =
   5   0005  1  BEGIN
   6   0006  1
   7   0007  1  !****************************************************************************
   8   0008  1  !*                                                                          *
   9   0009  1  !*   COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                 *
  10   0010  1  !*   DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.                  *
  11   0011  1  !*   ALL RIGHTS RESERVED.                                                    *
  12   0012  1  !*                                                                          *
  13   0013  1  !*   THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED   *
  14   0014  1  !*   ONLY IN  ACCORDANCE WITH  THE  TERMS  OF  SUCH  LICENSE  AND WITH THE   *
  15   0015  1  !*   INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR  ANY  OTHER   *
  16   0016  1  !*   COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY   *
  17   0017  1  !*   OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY   *
  18   0018  1  !*   TRANSFERRED.                                                            *
  19   0019  1  !*                                                                          *
  20   0020  1  !*   THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE   *
  21   0021  1  !*   AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT   *
  22   0022  1  !*   CORPORATION.                                                            *
  23   0023  1  !*                                                                          *
  24   0024  1  !*   DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS   *
  25   0025  1  !*   SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                 *
  26   0026  1  !*                                                                          *
  27   0027  1  !*                                                                          *
  28   0028  1  !****************************************************************************
  29   0029  1  !
  30   0030  1
  31   0031  1  !++
  32   0032  1  ! FACILITY:     EDT -- The DEC Standard Editor
  33   0033  1  !
  34   0034  1  ! ABSTRACT:
  35   0035  1  !
  36   0036  1  !     This module compares the command buffer contents to a table
  37   0037  1  !     of keywords.
  38   0038  1  !
  39   0039  1  ! ENVIRONMENT:  Runs at any access mode - AST reentrant
  40   0040  1  !
  41   0041  1  ! AUTHOR: Bob Kushlis, CREATION DATE: Unknown
  42   0042  1  !
  43   0043  1  ! MODIFIED BY:
  44   0044  1  !
  45   0045  1  ! 1-001 - Original.  DJS 04-Feb-1981.  This module was created by
  46   0046  1  !         extracting the routine EDT$$KWORD  from module CHANGE.BLI.
  47   0047  1  ! 1-002 - Regularize headers.  JBS 03-Mar-1981
  48   0048  1  ! 1-004 - Change to a table arranged alphabetically. STS 21-Sep-1982
  49   0049  1  ! 1-005 - Move the keywords here from EDT$CHMPARSE, to reduce the program
  50   0050  1  !         size on the PDP-11.  Also, put an underscore in the entry point name.  JBS 29-Sep-1982
  51   0051  1  ! 1-006 - Accept lower case letters as equivalent to upper case, and improve error
  52   0052  1  !         checking.  JBS 01-Oct-1982
  53   0053  1  ! 1-007 - Make this routine position-independent.  JBS 01-Oct-1982
  54   0054  1  ! 1-008 - Add conditionals for WPS and VT220.  JBS 10-Feb-1983
  55   0055  1  ! 1-009 - Don't forget the SUPPORTS library.  JBS 11-Feb-1983
  56   0056  1  !--
  57   0057  1
```

```
    59      0058  1 %SBTTL 'Declarations'
    60      0059  1 !
    61      0060  1 ! TABLE OF CONTENTS:
    62      0061  1 !
    63      0062  1
    64      0063  1 REQUIRE 'EDTSRC:TRAROUNAM';
    65      0502  1
    66      0503  1 FORWARD ROUTINE
    67      0504  1     EDT$$KEY_WORD : NOVALUE;                              ! Compare the command buffer contents to a table of keywords
    68      0505  1
    69      0506  1 !
    70      0507  1 ! INCLUDE FILES:
    71      0508  1 !
    72      0509  1
    73      0510  1 REQUIRE 'EDTSRC:EDTREQ';
    74      0645  1
    75      0646  1 LIBRARY 'EDTSRC:TRANSLATE';
    76      0647  1
    77      0648  1 LIBRARY 'EDTSRC:SUPPORTS';
    78      0649  1
    79      0650  1 !
    80      0651  1 ! MACROS:
    81      0652  1 !
    82      0653  1 !     NONE
    83      0654  1 !
    84      0655  1 ! EQUATED SYMBOLS:
    85      0656  1 !
    86      0657  1
    87      0658  1 FIELD
    88      0659  1     KEY_WORD_FIELD =
    89      0660  1         SET
    90      0661  1         KEY_WORD_NEXT = [0, 0, %BPADDR, 0],
    91      0662  1         KEY_WORD_NUM = [%BPADDR/8, 0, 8, 0],
    92      0663  1         KEY_WORD_LEN = [(%BPADDR/8), 8, 8, 0],
    93      0664  1         KEY_WORD_POINTER = [(%BPADDR/8) + 2, 0, %BPADDR, 0]
    94      0665  1         TES;
    95      0666  1
    96      0667  1 !
    97      0668  1 ! OWN STORAGE:
    98      0669  1 !
    99      0670  1 !+
   100      0671  1 ! Define the keywords used to make up change mode sub-commands.
   101      0672  1 !
   102      0673  1 ! Each record in this table contains a address pointer to the next keyword
   103      0674  1 ! with this alphabetic character  the value of the keyword, its length,
   104      0675  1 ! and the ASCII characters which comprise it.
   105      0676  1 !
   106      0677  1 ! The table is a concatenation of keyword entries.  Each
   107      0678  1 ! consists of a pointer to the next keyword to examine if
   108      0679  1 ! this one should fail, a keyword number byte, length byte,
   109      0680  1 ! and the ASCII text for the keyword.  A 0 length byte
   110      0681  1 ! marks the end of the table.  Letters in keywords are
   111      0682  1 ! all upper case.
   112      0683  1 !-
   113      0684  1
   114      0685  1 BIND
   115      0686  1     ADDR_BASE = UPLIT (0),
```

```
  116     0687  1          END_VERBS = UPLIT (
  117     0688  1              0,                   BYTE(0),        BYTE(0),          0),
  118     0689  1          ASC_VERB = UPLIT (
  119     0690  1              END_VERBS - ADDR_BASE, BYTE(VERB_K_ASC),     BYTE(3),          BYTE('ASC')),
  120     0691  1          ADV_VERB = UPLIT (
  121     0692  1              ASC_VERB - ADDR_BASE,  BYTE(VERB_K_ADV),     BYTE(3),          BYTE('ADV')),
  122     0693  1          A_VERBS = UPLIT (
  123     0694  1              ADV_VERB - ADDR_BASE,  BYTE(VERB_K_APPEND),  BYTE(6),          BYTE('APPEND')),
  124     0695  1          BELL_VERB = UPLIT (
  125     0696  1              END_VERBS - ADDR_BASE, BYTE(VERB_K_BELL),    BYTE(4),          BYTE('BELL')),
  126     0697  1          B_VERBS = UPLIT (
  127     0698  1              BELL_VERB - ADDR_BASE, BYTE(VERB_K_BACK),    BYTE(4),          BYTE('BACK')),
  128     0699  1          CUT_VERB = UPLIT (
  129     0700  1              END_VERBS - ADDR_BASE, BYTE(VERB_K_CUT),     BYTE(3),          BYTE('CUT')),
  130     0701  1          CLSS_VERB = UPLIT (
  131     0702  1              CUT_VERB - ADDR_BASE,  BYTE(VERB_K_CLSS),    BYTE(4),          BYTE('CLSS')),
  132     0703  1          CHGL_VERB = UPLIT (
  133     0704  1              CLSS_VERB - ADDR_BASE, BYTE(VERB_K_CHGL),    BYTE(4),          BYTE('CHGL')),
  134     0705  1          CHGU_VERB = UPLIT (
  135     0706  1              CHGL_VERB - ADDR_BASE, BYTE(VERB_K_CHGU),    BYTE(4),          BYTE('CHGU')),
  136     0707  1          C_VERBS = UPLIT (
  137     0708  1              CHGU_VERB - ADDR_BASE, BYTE(VERB_K_CHGC),    BYTE(4),          BYTE('CHGC')),
  138     0709  1          D_VERB = UPLIT (
  139     0710  1              END_VERBS - ADDR_BASE, BYTE(VERB_K_DELETE),  BYTE(1),          BYTE('D')),
  140     0711  1          DUPC_VERB = UPLIT (
  141     0712  1              D_VERB - ADDR_BASE,    BYTE(VERB_K_DUPC),    BYTE(4),          BYTE('DUPC')),
  142     0713  1          DMOV_VERB = UPLIT (
  143     0714  1              DUPC_VERB - ADDR_BASE, BYTE(VERB_K_DMOV),    BYTE(4),          BYTE('DMOV')),
  144     0715  1          DLWC_VERB = UPLIT (
  145     0716  1              DMOV_VERB - ADDR_BASE, BYTE(VERB_K_DLWC),    BYTE(4),          BYTE('DLWC')),
  146     0717  1          DEFK_VERB = UPLIT (
  147     0718  1              DLWC_VERB - ADDR_BASE, BYTE(VERB_K_DEFK),    BYTE(4),          BYTE('DEFK')),
  148     0719  1          DATE_VERB = UPLIT (
  149     0720  1              DEFK_VERB - ADDR_BASE, BYTE(VERB_K_DATE),    BYTE(4),          BYTE('DATE')),
  150     0721  1          D_VERBS = UPLIT (
  151     0722  1              DATE_VERB - ADDR_BASE, BYTE(VERB_K_DESEL),   BYTE(5),          BYTE('DESEL')),
  152     0723  1          EX_VERB = UPLIT (
  153     0724  1              END_VERBS - ADDR_BASE, BYTE(VERB_K_EXIT),    BYTE(2),          BYTE('EX')),
  154     0725  1          E_VERBS = UPLIT (
  155     0726  1              EX_VERB - ADDR_BASE,   BYTE(VERB_K_EXT),     BYTE(3),          BYTE('EXT')),
  156     0727  1          F_VERBS = UPLIT (
  157     0728  1              END_VERBS - ADDR_BASE, BYTE(VERB_K_FILL),    BYTE(4),          BYTE('FILL')),
  158     0729  1          H_VERBS = UPLIT (
  159     0730  1              END_VERBS - ADDR_BASE, BYTE(VERB_K_HELP),    BYTE(4),          BYTE('HELP')),
  160     0731  1          I_VERBS = UPLIT (
  161     0732  1              END_VERBS - ADDR_BASE, BYTE(VERB_K_INSERT),  BYTE(1),          BYTE('I')),
  162     0733  1          K_VERBS = UPLIT (
  163     0734  1              END_VERBS - ADDR_BASE, BYTE(VERB_K_KS),      BYTE(2),          BYTE('KS')),
  164     0735  1          P_VERBS = UPLIT (
  165     0736  1              END_VERBS - ADDR_BASE, BYTE(VERB_K_PASTE),   BYTE(5),          BYTE('PASTE')),
  166     0737  1          Q_VERBS = UPLIT (
  167     0738  1              END_VERBS - ADDR_BASE, BYTE(VERB_K_QUIT),    BYTE(4),          BYTE('QUIT')),
  168     0739  1          R_VERB = UPLIT (
  169     0740  1              END_VERBS - ADDR_BASE, BYTE(VERB_K_REPLACE), BYTE(1),          BYTE('R')),
  170     0741  1          R_VERBS = UPLIT (
  171     0742  1              R_VERB - ADDR_BASE,    BYTE(VERB_K_REF),     BYTE(3),          BYTE('REF')),
  172     0743  1          S_VERB = UPLIT (
```

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: 173    0744  1              END_VERBS - ADDR_BASE,  BYTE(VERB_K_SUBS),     BYTE(1),     BYTE('S')),
: 174    0745  1         SN_VERB = UPLIT (
: 175    0746  1              S_VERB - ADDR_BASE,     BYTE(VERB_K_SN),       BYTE(2),     BYTE('SN')),
: 176    0747  1         SHR_VERB = UPLIT (
: 177    0748  1              SN_VERB - ADDR_BASE,    BYTE(VERB_K_SHR),      BYTE(3),     BYTE('SHR')),
: 178    0749  1         SHL_VERB = UPLIT (
: 179    0750  1              SHR_VERB - ADDR_BASE,   BYTE(VERB_K_SHL),      BYTE(3),     BYTE('SHL')),
: 180    0751  1         SEL_VERB = UPLIT (
: 181    0752  1              SHL_VERB - ADDR_BASE,   BYTE(VERB_K_SEL),      BYTE(3),     BYTE('SEL')),
: 182    0753  1         S_VERBS = UPLIT (
: 183    0754  1              SEL_VERB - ADDR_BASE,   BYTE(VERB_K_SSEL),     BYTE(4),     BYTE('SSEL')),
: 184    0755  1         TI_VERB = UPLIT (
: 185    0756  1              END_VERBS - ADDR_BASE,  BYTE(VERB_K_TI),       BYTE(2),     BYTE('TI')),
: 186    0757  1         TD_VERB = UPLIT (
: 187    0758  1              TI_VERB - ADDR_BASE,    BYTE(VERB_K_TD),       BYTE(2),     BYTE('TD')),
: 188    0759  1         TC_VERB = UPLIT (
: 189    0760  1              TD_VERB - ADDR_BASE,    BYTE(VERB_K_TC),       BYTE(2),     BYTE('TC')),
: 190    0761  1         TOP_VERB = UPLIT (
: 191    0762  1              TC_VERB - ADDR_BASE,    BYTE(VERB_K_TOP),      BYTE(3),     BYTE('TOP')),
: 192    0763  1         TAB_VERB = UPLIT (
: 193    0764  1              TOP_VERB - ADDR_BASE,   BYTE(VERB_K_TAB),      BYTE(3),     BYTE('TAB')),
: 194    0765  1         TADJ_VERB = UPLIT (
: 195    0766  1              TAB_VERB - ADDR_BASE,   BYTE(VERB_K_TADJ),     BYTE(4),     BYTE('TADJ')),
: 196    0767  1         T_VERBS = UPLIT (
: 197    0768  1              TADJ_VERB - ADDR_BASE,  BYTE(VERB_K_TGSEL),    BYTE(5),     BYTE('TGSEL')),
: 198    0769  1         UNDW_VERB = UPLIT (
: 199    0770  1              END_VERBS - ADDR_BASE,  BYTE(VERB_K_UNDW),     BYTE(4),     BYTE('UNDW')),
: 200    0771  1         UNDL_VERB = UPLIT (
: 201    0772  1              UNDW_VERB - ADDR_BASE,  BYTE(VERB_K_UNDL),     BYTE(4),     BYTE('UNDL')),
: 202    0773  1         U_VERBS = UPLIT (
: 203    0774  1              UNDL_VERB - ADDR_BASE,  BYTE(VERB_K_UNDC),     BYTE(4),     BYTE('UNDC')),
: 204    0775  1         X_VERBS = UPLIT (
: 205    0776  1              END_VERBS - ADDR_BASE,  BYTE(VERB_K_XLATE),    BYTE(5),     BYTE('XLATE')),
: 206    0777  1         CARET_VERB = UPLIT (
: 207    0778  1              END_VERBS - ADDR_BASE,  BYTE(VERB_K_CC),       BYTE(1),     BYTE('^'));
: 208    0779  1
: 209    0780  1 BIND
: 210    0781  1         VERB_TABLE = UPLIT (
: 211    0782  1              A_VERBS - ADDR_BASE,
: 212    0783  1              B_VERBS - ADDR_BASE,
: 213    0784  1              C_VERBS - ADDR_BASE,
: 214    0785  1              D_VERBS - ADDR_BASE,
: 215    0786  1              E_VERBS - ADDR_BASE,
: 216    0787  1              F_VERBS - ADDR_BASE,
: 217    0788  1              END_VERBS - ADDR_BASE,
: 218    0789  1              H_VERBS - ADDR_BASE,
: 219    0790  1              I_VERBS - ADDR_BASE,
: 220    0791  1              END_VERBS - ADDR_BASE,
: 221    0792  1              K_VERBS - ADDR_BASE,
: 222    0793  1              END_VERBS - ADDR_BASE,
: 223    0794  1              END_VERBS - ADDR_BASE,
: 224    0795  1              END_VERBS - ADDR_BASE,
: 225    0796  1              END_VERBS - ADDR_BASE,
: 226    0797  1              P_VERBS - ADDR_BASE,
: 227    0798  1              Q_VERBS - ADDR_BASE,
: 228    0799  1              R_VERBS - ADDR_BASE,
: 229    0800  1              S_VERBS - ADDR_BASE,
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 230    0801  1              T_VERBS - ADDR_BASE,
 231    0802  1              U_VERBS - ADDR_BASE,
 232    0803  1              END_VERBS - ADDR_BASE,
 233    0804  1              END_VERBS - ADDR_BASE,
 234    0805  1              X_VERBS - ADDR_BASE,
 235    0806  1              END_VERBS - ADDR_BASE,
 236    0807  1              END_VERBS - ADDR_BASE,
 237    0808  1              END_VERBS - ADDR_BASE,
 238    0809  1              END_VERBS - ADDR_BASE,
 239    0810  1              END_VERBS - ADDR_BASE,
 240    0811  1              CARET_VERB - ADDR_BASE);
 241    0812  1
 242    0813  1       !+
 243    0814  1       ! The following are keywords which are entities.
 244    0815  1       !
 245    0816  1       ! The values must be separated by two so we can add the direction to
 246    0817  1       ! the entity for use as a case index.
 247    0818  1       !-
 248    0819  1
 249    0820  1       BIND
 250    0821  1           END_ENTITY = UPLIT (
 251    0822  1           0,              BYTE(0),         BYTE(0),         0),
 252    0823  1           BW_ENT = UPLIT (
 253    0824  1               END_ENTITY - ADDR_BASE, BYTE(ENT_K_BW),      BYTE(2),         BYTE('BW')),
 254    0825  1           BR_ENT = UPLIT (
 255    0826  1               BW_ENT - ADDR_BASE,     BYTE(ENT_K_BR),      BYTE(2),         BYTE('BR')),
 256    0827  1           BL_ENT = UPLIT (
 257    0828  1               BR_ENT - ADDR_BASE,     BYTE(ENT_K_BL),      BYTE(2),         BYTE('BL')),
 258    0829  1           BPAR_ENT = UPLIT (
 259    0830  1               BL_ENT - ADDR_BASE,     BYTE(ENT_K_BPAR),    BYTE(4),         BYTE('BPAR')),
 260    0831  1           BSEN_ENT = UPLIT (
 261    0832  1               BPAR_ENT - ADDR_BASE,   BYTE(ENT_K_BSEN),    BYTE(4),         BYTE('BSEN')),
 262    0833  1           B_ENTS = UPLIT (
 263    0834  1               BSEN_ENT - ADDR_BASE,   BYTE(ENT_K_BPAGE),   BYTE(5),         BYTE('BPAGE')),
 264    0835  1           C_ENTS = UPLIT (
 265    0836  1               END_ENTITY - ADDR_BASE, BYTE(ENT_K_CHAR),    BYTE(1),         BYTE('C')),
 266    0837  1           EW_ENT = UPLIT (
 267    0838  1               END_ENTITY - ADDR_BASE, BYTE(ENT_K_EW),      BYTE(2),         BYTE('EW')),
 268    0839  1           EL_ENT = UPLIT (
 269    0840  1               EW_ENT - ADDR_BASE,     BYTE(ENT_K_EL),      BYTE(2),         BYTE('EL')),
 270    0841  1           ER_ENT = UPLIT (
 271    0842  1               EL_ENT - ADDR_BASE,     BYTE(ENT_K_ER),      BYTE(2),         BYTE('ER')),
 272    0843  1           EPAR_ENT = UPLIT (
 273    0844  1               ER_ENT - ADDR_BASE,     BYTE(ENT_K_EPAR),    BYTE(4),         BYTE('EPAR')),
 274    0845  1           ESEN_ENT = UPLIT (
 275    0846  1               EPAR_ENT - ADDR_BASE,   BYTE(ENT_K_ESEN),    BYTE(4),         BYTE('ESEN')),
 276    0847  1           E_ENTS = UPLIT (
 277    0848  1               ESEN_ENT - ADDR_BASE,   BYTE(ENT_K_EPAGE),   BYTE(5),         BYTE('EPAGE')),
 278    0849  1           L_ENTS = UPLIT (
 279    0850  1               END_ENTITY - ADDR_BASE, BYTE(ENT_K_LINE),    BYTE(1),         BYTE('L')),
 280    0851  1           N_ENTS = UPLIT (
 281    0852  1               END_ENTITY - ADDR_BASE, BYTE(ENT_K_NL),      BYTE(2),         BYTE('NL')),
 282    0853  1           PAR_ENT = UPLIT (
 283    0854  1               END_ENTITY - ADDR_BASE, BYTE(ENT_K_PAR),     BYTE(3),         BYTE('PAR')),
 284    0855  1           P_ENTS = UPLIT (
 285    0856  1               PAR_ENT - ADDR_BASE,    BYTE(ENT_K_PAGE),    BYTE(4),         BYTE('PAGE')),
 286    0857  1           SR_ENT = UPLIT (
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 287    0858  1              END_ENTITY - ADDR_BASE, BYTE(ENT_K_SR),      BYTE(2),      BYTE('SR')),
 288    0859  1          S_ENTS = UPLIT (
 289    0860  1              SR_ENT - ADDR_BASE,     BYTE(ENT_K_SEN),     BYTE(3),      BYTE('SEN')),
 290    0861  1          V_ENTS = UPLIT (
 291    0862  1              END_ENTITY - ADDR_BASE, BYTE(ENT_K_VERT),    BYTE(1),      BYTE('V')),
 292    0863  1          W_ENTS = UPLIT (
 293    0864  1              END_ENTITY - ADDR_BASE, BYTE(ENT_K_WORD),    BYTE(1),      BYTE('W'));
 294    0865  1
 295    0866  1      BIND
 296    0867  1          ENTITY_TABLE = UPLIT (
 297    0868  1              B_ENTS - ADDR_BASE,
 298    0869  1              C_ENTS - ADDR_BASE,
 299    0870  1              END_ENTITY - ADDR_BASE,
 300    0871  1              E_ENTS - ADDR_BASE,
 301    0872  1              END_ENTITY - ADDR_BASE,
 302    0873  1              END_ENTITY - ADDR_BASE,
 303    0874  1              END_ENTITY - ADDR_BASE,
 304    0875  1              END_ENTITY - ADDR_BASE,
 305    0876  1              END_ENTITY - ADDR_BASE,
 306    0877  1              END_ENTITY - ADDR_BASE,
 307    0878  1              L_ENTS - ADDR_BASE,
 308    0879  1              END_ENTITY - ADDR_BASE,
 309    0880  1              N_ENTS - ADDR_BASE,
 310    0881  1              END_ENTITY - ADDR_BASE,
 311    0882  1              P_ENTS - ADDR_BASE,
 312    0883  1              END_ENTITY - ADDR_BASE,
 313    0884  1              END_ENTITY - ADDR_BASE,
 314    0885  1              S_ENTS - ADDR_BASE,
 315    0886  1              END_ENTITY - ADDR_BASE,
 316    0887  1              END_ENTITY - ADDR_BASE,
 317    0888  1              V_ENTS - ADDR_BASE,
 318    0889  1              W_ENTS - ADDR_BASE);
 319    0890  1
 320    0891  1  !  EXTERNAL REFERENCES:
 321    0892  1  !
 322    0893  1  !
 323    0894  1  !      In the routine
```

```
: 325       0895  1 %SBTTL 'EDT$$KEY_WORD  - look for a key word'
: 326       0896  1
: 327       0897  1 GLOBAL ROUTINE EDT$$KEY_WORD (                              ! Look for a key word
: 328       0898  1     TABLE_NO,                                               ! 1 = verb table, 2 = entity table
: 329       0899  1     KEY_NOM                                                 ! Key number
: 330       0900  1     ) : NOVALUE =
: 331       0901  1
: 332       0902  1 !++
: 333       0903  1 ! FUNCTIONAL DESCRIPTION:
: 334       0904  1 !
: 335       0905  1 !     This routine scans a table of keywords, attempting to find a match
: 336       0906  1 !     in the current command buffer pointed to by EDT$$A_CMD_BUF.
: 337       0907  1 !     The comparison is case blind.
: 338       0908  1 !
: 339       0909  1 ! FORMAL PARAMETERS:
: 340       0910  1 !
: 341       0911  1 !  TABLE_NO                  The number of the keyword table to use.  1 = use the
: 342       0912  1 !                            verb table, 2 = use the entity table.
: 343       0913  1 !
: 344       0914  1 !  KEY_NUM                   The returned value for the number of the entity or
: 345       0915  1 !                            verb which matched from the table.  Zero indicates
: 346       0916  1 !                            no match.
: 347       0917  1 !
: 348       0918  1 ! IMPLICIT INPUTS:
: 349       0919  1 !
: 350       0920  1 !     EDT$$A_CMD_END
: 351       0921  1 !     EDT$$A_CMD_BUF
: 352       0922  1 !
: 353       0923  1 ! IMPLICIT OUTPUTS:
: 354       0924  1 !
: 355       0925  1 !     EDT$$A_CMD_BUF
: 356       0926  1 !
: 357       0927  1 ! ROUTINE VALUE:
: 358       0928  1 !
: 359       0929  1 !     NONE
: 360       0930  1 !
: 361       0931  1 ! SIDE EFFECTS:
: 362       0932  1 !
: 363       0933  1 !     NONE
: 364       0934  1 !
: 365       0935  1 !--
: 366       0936  1
: 367       0937  2     BEGIN
: 368       0938  2
: 369       0939  2     EXTERNAL
: 370       0940  2
: 371    L  0941  2 %IF SUPPORT_VT220
: 372       0942  2 %THEN
: 373       0943  2         EDT$$B_CHAR_INFO : BLOCKVECTOR [256, 1, BYTE],  ! Information about each character
: 374       0944  2 %FI
: 375       0945  2
: 376       0946  2         EDT$$A_CMD_END,                                ! End of command pointer
: 377       0947  2         EDT$$A_CMD_BUF;                                ! Command string pointer
: 378       0948  2
: 379       0949  2     LOCAL
: 380       0950  2         KW_POINTER,
: 381       0951  2         FIRST_CHAR,
```

```
EDT$CHMKEYWRD     EDT$CHMKEYWRD - look for a keyword        H 1                    VAX-11 Bliss-32 V4.0-742      Page  8
V04-000           EDT$$KEY_WORD  - look for a key word       16-Sep-1984 00:03:17                                 (3)
                                                             14-Sep-1984 12:22:37   [EDT.SRC]CHMKEYWRD.BLI;1
```

```
  382     0952  2              TABLE_OFFSET,
  383     0953  2              FOUND,
  384     0954  2              TABLE,
  385     0955  2              TABLE_PTR : REF BLOCK [, BYTE] FIELD (KEY_WORD_FIELD),
  386     0956  2              C_POINTER;
  387     0957
  388     0958  2          .KEY_NUM = 0;
  389     0959  2          C_POINTER = .EDT$$A_CMD_BUF;
  390     0960  2          FIRST_CHAR = CH$RCHAR_A (C_POINTER);
  391     0961  2
  392   L 0962  2      %IF SUPPORT_VT220
  393   L 0963  2      %THEN
  394     0964  2
  395     0965  2          IF .EDT$$B_CHAR_INFO [.FIRST_CHAR, 0, 0, 1, 0] THEN FIRST_CHAR = .FIRST_CHAR - %C'a' + %C'A';
  396     0966  2
  397   U 0967  2      %ELSE
  398   U 0968  2
  399 U U 0969  2          IF ((.FIRST_CHAR GEQ %C'a') AND (.FIRST_CHAR LEQ %C'z')) THEN FIRST_CHAR = .FIRST_CHAR - %C'a' + %C'A';
  400   U 0970  2
  401     0971  2      %FI
  402     0972  2
  403     0973  2          CASE .TABLE_NO FROM 1 TO 2 OF
  404     0974  2              SET
  405     0975  2
  406     0976  2              [1] :
  407     0977  3                  BEGIN
  408     0978  3
  409     0979  3                  IF ((.FIRST_CHAR LSS %C'A') OR (.FIRST_CHAR GTR %C'^')) THEN RETURN;
  410     0980  3
  411     0981  3                  TABLE = VERB_TABLE;
  412     0982  3                  TABLE_OFFSET = (.FIRST_CHAR - %C'A')*(%BPADDR/8);
  413     0983  3                  TABLE_PTR = .(.TABLE + .TABLE_OFFSET) + ADDR_BASE;
  414     0984  2                  END;
  415     0985  2
  416     0986  2              [2] :
  417     0987  3                  BEGIN
  418     0988  3
  419     0989  3                  IF ((.FIRST_CHAR LSS %C'B') OR (.FIRST_CHAR GTR %C'W')) THEN RETURN;
  420     0990  3
  421     0991  3                  TABLE = ENTITY_TABLE;
  422     0992  3                  TABLE_OFFSET = (.FIRST_CHAR - %C'B')*(%BPADDR/8);
  423     0993  3                  TABLE_PTR = .(.TABLE + .TABLE_OFFSET) + ADDR_BASE;
  424     0994  2                  END;
  425     0995  2
  426     0996  2              [OUTRANGE] :
  427     0997  2                  ASSERT (0);
  428     0998  2              TES;
  429     0999  2
  430     1000  2          WHILE (.TABLE_PTR [KEY_WORD_LEN] NEQ 0) DO
  431     1001  3              BEGIN
  432     1002  3              KW_POINTER = TABLE_PTR [KEY_WORD_POINTER];
  433     1003  3              C_POINTER = .EDT$$A_CMD_BUF;
  434     1004  3              FOUND = 1;
  435     1005
  436     1006  4              IF CH$PTR_LEQ (CH$PLUS (.C_POINTER, .TABLE_PTR [KEY_WORD_LEN]), .EDT$$A_CMD_END)
  437     1007  3              THEN
  438     1008  4                  BEGIN
```

```
   439          1009  4                         INCR I FROM 1 TO .TABLE_PTR [KEY_WORD_LEN] DO
   440          1010  4                             BEGIN
   441          1011  5
   442          1012  5
   443          1013  5                             LOCAL
   444          1014  5                                 CHAR;
   445          1015  5
   446          1016  5                             CHAR = CH$RCHAR_A (C_POINTER);
   447          1017  5
   448       L  1018  5     %IF SUPPORT_VT220
   449          1019  5     %THEN
   450          1020  5
   451          1021  5                             IF .EDT$$B_CHAR_INFO [.CHAR, 0, 0, 1, 0] THEN CHAR = .CHAR - %C'a' + %C'A';
   452          1022  5
   453       U  1023  5     %ELSE
   454       U  1024  5
   455       U  1025  5                             IF ((.CHAR GEQ %C'a') AND (.CHAR LEQ %C'z')) THEN CHAR = .CHAR - %C'a' + %C'A';
   456       U  1026  5
   457          1027  5     %FI
   458          1028  5
   459          1029  5                             IF (.CHAR NEQ CH$RCHAR_A (KW_POINTER)) THEN FOUND = 0;
   460          1030  5                             END;
   461          1031  4
   462          1032  4
   463          1033  4                         IF .FOUND
   464          1034  4                         THEN
   465          1035  5                             BEGIN
   466          1036  5                             .KEY_NUM = .TABLE_PTR [KEY_WORD_NUM];
   467          1037  5     !+
   468          1038  5     ! Skip over the keyword.
   469          1039  5     !-
   470          1040  5                             EDT$$A_CMD_BUF = CH$PLUS (.EDT$$A_CMD_BUF, .TABLE_PTR [KEY_WORD_LEN]);
   471          1041  5                             RETURN;
   472          1042  4                             END;
   473          1043  3
   474          1044  3                         END;
   475          1045  3
   476          1046  3                     TABLE_PTR = .TABLE_PTR [KEY_WORD_NEXT] + ADDR_BASE;
   477          1047  2                     END;
   478          1048  2
   479          1049  2                 RETURN;
   480          1050  1                 END;                                     ! of routine EDT$$KEY_WORD


                                                                    .TITLE   EDT$CHMKEYWRD EDT$CHMKEYWRD - look for a keywor
                                                                                                                         d
                                                                    .IDENT   \V04-000\

                                                                    .PSECT   _EDT$CODE,NOWRT,  SHR,  PIC,2

                               00000000   00000 P.AAA:  .LONG    0
                               00000000   00004 P.AAB:  .LONG    0
                                     00   00008         .BYTE    0
                                     00   00009         .BYTE    0
                               00000000   0000A         .LONG    0
                                          0000E         .BLKB    2
                               00000004   00010 P.AAC:  .LONG    4
```

```
                              1B     00014              .BYTE    27
                              03     00015              .BYTE    3
                        43  53  41   00016              .ASCII   \ASC\
                                     00019              .BLKB    3
                        00000010 0001C  P.AAD:          .LONG    16
                              16     00020              .BYTE    22
                              03     00021              .BYTE    3
                        56  44  41   00022              .ASCII   \ADV\
                                     00025              .BLKB    3
                        0000001C 00028  P.AAE:          .LONG    28
                              0A     0002C              .BYTE    10
                              06     0002D              .BYTE    6
              44  4E  45  50  50  41 0002E              .ASCII   \APPEND\
                        00000004 00034  P.AAF:          .LONG    4
                              26     00038              .BYTE    38
                              04     00039              .BYTE    4
                        4C  4C  45  42 0003A             .ASCII   \BELL\
                                     0003E              .BLKB    2
                        00000034 00040  P.AAG:          .LONG    52
                              17     00044              .BYTE    23
                              04     00045              .BYTE    4
                        4B  43  41  42 00046             .ASCII   \BACK\
                                     0004A              .BLKB    2
                        00000004 0004C  P.AAH:          .LONG    4
                              09     00050              .BYTE    9
                              03     00051              .BYTE    3
                        54  55  43   00052              .ASCII   \CUT\
                                     00055              .BLKB    3
                        0000004C 00058  P.AAI:          .LONG    76
                              2D     0005C              .BYTE    45
                              04     0005D              .BYTE    4
                        53  53  4C  43 0005E             .ASCII   \CLSS\
                                     00062              .BLKB    2
                        00000058 00064  P.AAJ:          .LONG    88
                              05     00068              .BYTE    5
                              04     00069              .BYTE    4
                        4C  47  48  43 0006A             .ASCII   \CHGL\
                                     0006E              .BLKB    2
                        00000064 00070  P.AAK:          .LONG    100
                              04     00074              .BYTE    4
                              04     00075              .BYTE    4
                        55  47  48  43 00076             .ASCII   \CHGU\
                                     0007A              .BLKB    2
                        00000070 0007C  P.AAL:          .LONG    112
                              03     00080              .BYTE    3
                              04     00081              .BYTE    4
                        43  47  48  43 00082             .ASCII   \CHGC\
                                     00086              .BLKB    2
                        00000004 00088  P.AAM:          .LONG    4
                              01     0008C              .BYTE    1
                              01     0008D              .BYTE    1
                              44     0008E              .ASCII   \D\
                                     0008F              .BLKB    1
                        00000088 00090  P.AAN:          .LONG    136
                              28     00094              .BYTE    40
                              04     00095              .BYTE    4
                        43  50  55  44 00096             .ASCII   \DUPC\
```

EDTSCHMKEYWRD   EDTSCHMKEYWRD - look for a keyword   K 1
V04-000   EDTSSKEY_WORD - look for a key word   16-Sep-1984 00:03:17   VAX-11 Bliss-32 V4.0-742   Page 11
                                                          14-Sep-1984 12:22:37   [EDT.SRC]CHMKEYWRD.BLI;1   (3)

```
                                    0009A            .BLKB    2
                    00000090        0009C  P.AAO:    .LONG    144
                          2A        000A0            .BYTE    42
                          04        000A1            .BYTE    4
          56  4F  4D  44        000A2            .ASCII   \DMOV\
                                    000A6            .BLKB    2
                    0000009C        000A8  P.AAP:    .LONG    156
                          29        000AC            .BYTE    41
                          04        000AD            .BYTE    4
          43  57  4C  44        000AE            .ASCII   \DLWC\
                                    000B2            .BLKB    2
                    000000A8        000B4  P.AAQ:    .LONG    168
                          25        000B8            .BYTE    37
                          04        000B9            .BYTE    4
          48  46  45  44        000BA            .ASCII   \DEFK\
                                    000BE            .BLKB    2
                    000000B4        000C0  P.AAR:    .LONG    180
                          27        000C4            .BYTE    39
                          04        000C5            .BYTE    4
          45  54  41  44        000C6            .ASCII   \DATE\
                                    000CA            .BLKB    2
                    000000C0        000CC  P.AAS:    .LONG    192
                          2B        000D0            .BYTE    43
                          05        000D1            .BYTE    5
      4C  45  53  45  44        000D2            .ASCII   \DESEL\
                                    000D7            .BLKB    1
                    00000004        000D8  P.AAT:    .LONG    4
                          11        000DC            .BYTE    17
                          02        000DD            .BYTE    2
              58  45        000DE            .ASCII   \EX\
                    000000D8        000E0  P.AAU:    .LONG    216
                          23        000E4            .BYTE    35
                          03        000E5            .BYTE    3
          54  58  45        000E6            .ASCII   \EXT\
                                    000E9            .BLKB    3
                    00000004        000EC  P.AAV:    .LONG    4
                          07        000F0            .BYTE    7
                          04        000F1            .BYTE    4
          4C  4C  49  46        000F2            .ASCII   \FILL\
                                    000F6            .BLKB    2
                    00000004        000F8  P.AAW:    .LONG    4
                          1A        000FC            .BYTE    26
                          04        000FD            .BYTE    4
          50  4C  45  48        000FE            .ASCII   \HELP\
                                    00102            .BLKB    2
                    00000004        00104  P.AAX:    .LONG    4
                          0E        00108            .BYTE    14
                          01        00109            .BYTE    1
                      49        0010A            .ASCII   \I\
                                    0010B            .BLKB    1
                    00000004        0010C  P.AAY:    .LONG    4
                          24        00110            .BYTE    36
                          02        00111            .BYTE    2
                  53  4B        00112            .ASCII   \KS\
                    00000004        00114  P.AAZ:    .LONG    4
                          0D        00118            .BYTE    13
                          05        00119            .BYTE    5
```

```
                  45 54 53 41 50   0011A              .ASCII    \PASTE\
                                   0011F              .BLKB     1
                     00000004      00120 P.ABA:       .LONG     4
                           1C      00124              .BYTE     28
                           04      00125              .BYTE     4
                  54 49 55 51      00126              .ASCII    \QUIT\
                                   0012A              .BLKB     2
                     00000004      0012C P.ABB:       .LONG     4
                           02      00130              .BYTE     2
                           01      00131              .BYTE     1
                           52      00132              .ASCII    \R\
                                   00133              .BLKB     1
                     0000012C      00134 P.ABC:       .LONG     300
                           18      00138              .BYTE     24
                           03      00139              .BYTE     3
                  46 45 52         0013A              .ASCII    \REF\
                                   0013D              .BLKB     3
                     00000004      00140 P.ABD:       .LONG     4
                           0C      00144              .BYTE     12
                           01      00145              .BYTE     1
                           53      00146              .ASCII    \S\
                                   00147              .BLKB     1
                     00000140      00148 P.ABE:       .LONG     320
                           12      0014C              .BYTE     18
                           02      0014D              .BYTE     2
                        4E 53      0014E              .ASCII    \SN\
                     00000148      00150 P.ABF:       .LONG     328
                           1E      00154              .BYTE     30
                           03      00155              .BYTE     3
                  52 48 53         00156              .ASCII    \SHR\
                                   00159              .BLKB     3
                     00000150      0015C P.ABG:       .LONG     336
                           1D      00160              .BYTE     29
                           03      00161              .BYTE     3
                  4C 48 53         00162              .ASCII    \SHL\
                                   00165              .BLKB     3
                     0000015C      00168 P.ABH:       .LONG     348
                           0B      0016C              .BYTE     11
                           03      0016D              .BYTE     3
                  4C 45 53         0016E              .ASCII    \SEL\
                                   00171              .BLKB     3
                     00000168      00174 P.ABI:       .LONG     360
                           06      00178              .BYTE     6
                           04      00179              .BYTE     4
               4C 45 53 53         0017A              .ASCII    \SSEL\
                                   0017E              .BLKB     2
                     00000004      00180 P.ABJ:       .LONG     4
                           22      00184              .BYTE     34
                           02      00185              .BYTE     2
                        49 54      00186              .ASCII    \TI\
                     00000180      00188 P.ABK:       .LONG     384
                           21      0018C              .BYTE     33
                           02      0018D              .BYTE     2
                        44 54      0018E              .ASCII    \TD\
                     00000188      00190 P.ABL:       .LONG     392
                           20      00194              .BYTE     32
                           02      00195              .BYTE     2
```

```
                                  43 54    00196         .ASCII    \TC\
                               00000190    00198 P.ABM:  .LONG     400
                                     19    0019C         .BYTE     25
                                     03    0019D         .BYTE     3
                            50 4F 54       0019E         .ASCII    \TOP\
                                           001A1         .BLKB     3
                               00000198    001A4 P.ABN:  .LONG     408
                                     1F    001A8         .BYTE     31
                                     03    001A9         .BYTE     3
                            42 41 54       001AA         .ASCII    \TAB\
                                           001AD         .BLKB     3
                               000001A4    001B0 P.ABO:  .LONG     420
                                     08    001B4         .BYTE     8
                                     04    001B5         .BYTE     4
                         4A 44 41 54       001B6         .ASCII    \TADJ\
                                           001BA         .BLKB     2
                               000001B0    001BC P.ABP:  .LONG     432
                                     2C    001C0         .BYTE     44
                                     05    001C1         .BYTE     5
                      4C 45 53 47 54       001C2         .ASCII    \TGSEL\
                                           001C7         .BLKB     1
                               00000004    001C8 P.ABQ:  .LONG     4
                                     14    001CC         .BYTE     20
                                     04    001CD         .BYTE     4
                         57 44 4E 55       001CE         .ASCII    \UNDW\
                                           001D2         .BLKB     2
                               000001C8    001D4 P.ABR:  .LONG     456
                                     15    001D8         .BYTE     21
                                     04    001D9         .BYTE     4
                         4C 44 4E 55       001DA         .ASCII    \UNDL\
                                           001DE         .BLKB     2
                               000001D4    001E0 P.ABS:  .LONG     468
                                     13    001E4         .BYTE     19
                                     04    001E5         .BYTE     4
                         43 44 4E 55       001E6         .ASCII    \UNDC\
                                           001EA         .BLKB     2
                               00000004    001EC P.ABT:  .LONG     4
                                     0F    001F0         .BYTE     15
                                     05    001F1         .BYTE     5
                      45 54 41 4C 58       001F2         .ASCII    \XLATE\
                                           001F7         .BLKB     1
                               00000004    001F8 P.ABU:  .LONG     4
                                     10    001FC         .BYTE     16
                                     01    001FD         .BYTE     1
                                     5E    001FE         .ASCII    \^\
                                           001FF         .BLKB     1
000000EC 000000E0 000000CC 0000007C 00000040 00000028  00200 P.ABV:  .LONG     40, 64, 124, 204, 224, 236, 4, 248, 260, -
00000004 0000010C 00000004 00000104 000000F8 00000004  00218               4, 268, 4, 4, 4, 4, 276, 288, 308, 372, -
00000134 00000120 00000114 00000004 00000004 00000004  00230               444, 480, 4, 4, 492, 4, 4, 4, 4, 4, 504
000001EC 00000004 00000004 000001E0 000001BC 00000174  00248
000001F8 00000004 00000004 00000004 00000004 00000004  00260
                               00000000    00278 P.ABW:  .LONG     0
                                     00    0027C         .BYTE     0
                                     00    0027D         .BYTE     0
                               00000000    0027E         .LONG     0
                                           00282         .BLKB     2
                               00000278    00284 P.ABX:  .LONG     632
```

```
                        05   00288              .BYTE   5
                        02   00289              .BYTE   2
                     57 42   0028A              .ASCII  \BW\
                  00000284   0028C   P.ABY:     .LONG   644
                        25   00290              .BYTE   37
                        02   00291              .BYTE   2
                     52 42   00292              .ASCII  \BR\
                  0000028C   00294   P.ABZ:     .LONG   652
                        0B   00298              .BYTE   11
                        02   00299              .BYTE   2
                     4C 42   0029A              .ASCII  \BL\
                  00000294   0029C   P.ACA:     .LONG   660
                        1B   002A0              .BYTE   27
                        04   002A1              .BYTE   4
               52 41 50 42   002A2              .ASCII  \BPAR\
                             002A6              .BLKB   2
                  0000029C   002A8   P.ACB:     .LONG   668
                        15   002AC              .BYTE   21
                        04   002AD              .BYTE   4
               4E 45 53 42   002AE              .ASCII  \BSEN\
                             002B2              .BLKB   2
                  000002A8   002B4   P.ACC:     .LONG   680
                        21   002B8              .BYTE   33
                        05   002B9              .BYTE   5
            45 47 41 50 42   002BA              .ASCII  \BPAGE\
                             002BF              .BLKB   1
                  00000278   002C0   P.ACD:     .LONG   632
                        01   002C4              .BYTE   1
                        01   002C5              .BYTE   1
                        43   002C6              .ASCII  \C\
                             002C7              .BLKB   1
                  00000278   002C8   P.ACE:     .LONG   632
                        07   002CC              .BYTE   7
                        02   002CD              .BYTE   2
                     57 45   002CE              .ASCII  \EW\
                  000002C8   002D0   P.ACF:     .LONG   712
                        11   002D4              .BYTE   17
                        02   002D5              .BYTE   2
                     4C 45   002D6              .ASCII  \EL\
                  000002D0   002D8   P.ACG:     .LONG   720
                        27   002DC              .BYTE   39
                        02   002DD              .BYTE   2
                     52 45   002DE              .ASCII  \ER\
                  000002D8   002E0   P.ACH:     .LONG   728
                        1D   002E4              .BYTE   29
                        04   002E5              .BYTE   4
               52 41 50 45   002E6              .ASCII  \EPAR\
                             002EA              .BLKB   2
                  000002E0   002EC   P.ACI:     .LONG   736
                        17   002F0              .BYTE   23
                        04   002F1              .BYTE   4
               4E 45 53 45   002F2              .ASCII  \ESEN\
                             002F6              .BLKB   2
                  000002EC   002F8   P.ACJ:     .LONG   748
                        23   002FC              .BYTE   35
                        05   002FD              .BYTE   5
            45 47 41 50 45   002FE              .ASCII  \EPAGE\
```

```
                                          B 2
                                    00303              .BLKB    1
                          00000278  00304  P.ACK:      .LONG    632
                                09  00308              .BYTE    9
                                01  00309              .BYTE    1
                                4C  0030A              .ASCII   \L\
                                    0030B              .BLKB    1
                          00000278  0030C  P.ACL:      .LONG    632
                                0D  00310              .BYTE    13
                                02  00311              .BYTE    2
                          4C  4E  00312              .ASCII   \NL\
                          00000278  00314  P.ACM:      .LONG    632
                                19  00318              .BYTE    25
                                03  00319              .BYTE    3
                      52  41  50  0031A              .ASCII   \PAR\
                                    0031D              .BLKB    3
                          00000314  00320  P.ACN:      .LONG    788
                                1F  00324              .BYTE    31
                                04  00325              .BYTE    4
                  45  47  41  50  00326              .ASCII   \PAGE\
                                    0032A              .BLKB    2
                          00000278  0032C  P.ACO:      .LONG    632
                                2B  00330              .BYTE    43
                                02  00331              .BYTE    2
                          52  53  00332              .ASCII   \SR\
                          0000032C  00334  P.ACP:      .LONG    812
                                13  00338              .BYTE    19
                                03  00339              .BYTE    3
                      4E  45  53  0033A              .ASCII   \SEN\
                                    0033D              .BLKB    3
                          00000278  00340  P.ACQ:      .LONG    632
                                0F  00344              .BYTE    15
                                01  00345              .BYTE    1
                                56  00346              .ASCII   \V\
                                    00347              .BLKB    1
                          00000278  00348  P.ACR:      .LONG    632
                                03  0034C              .BYTE    3
                                01  0034D              .BYTE    1
                                57  0034E              .ASCII   \W\
                                    0034F              .BLKB    1
00000278  00000278  000002F8  00000278  000002C0  000002B4  00350  P.ACS:  .LONG  692, 704, 632, 760, 632, 632, 632, 632, -
00000278  00000304  00000278  00000278  00000278  00000278  00368                632, 632, 772, 632, 780, 632, 800, 632, -
00000334  00000278  00000320  00000278  0000030C  00380                632, 820, 632, 632, 832, 840
          00000348  00000340  00000278  00000278  00398

                                    ADDR_BASE=              P.AAA
                                    END_VERBS=              P.AAB
                                    ASC_VERB=               P.AAC
                                    ADV_VERB=               P.AAD
                                    A_VERBS=                P.AAE
                                    BELL_VERB=              P.AAF
                                    B_VERBS=                P.AAG
                                    COT_VERB=               P.AAH
                                    CLSS_VERB=              P.AAI
                                    CHGL_VERB=              P.AAJ
                                    CHGU_VERB=              P.AAK
                                    C_VERBS=                P.AAL
                                    D_VERB=                 P.AAM
```

```
                                              C 2
                                              DUPC_VERB=            P.AAN
                                              DMOV_VERB=            P.AAO
                                              DLWC_VERB=            P.AAP
                                              DEFK_VERB=            P.AAQ
                                              DATE_VERB=            P.AAR
                                              D_VERBS=             P.AAS
                                              EX_VERB=             P.AAT
                                              E_VERBS=             P.AAU
                                              F_VERBS=             P.AAV
                                              H_VERBS=             P.AAW
                                              I_VERBS=             P.AAX
                                              K_VERBS=             P.AAY
                                              P_VERBS=             P.AAZ
                                              Q_VERBS=             P.ABA
                                              R_VERB=              P.ABB
                                              R_VERBS=             P.ABC
                                              S_VERB=              P.ABD
                                              SR_VERB=             P.ABE
                                              SHR_VERB=            P.ABF
                                              SHL_VERB=            P.ABG
                                              SEL_VERB=            P.ABH
                                              S_VERBS=             P.ABI
                                              TI_VERB=             P.ABJ
                                              TD_VERB=             P.ABK
                                              TC_VERB=             P.ABL
                                              TOP_VERB=            P.ABM
                                              TAB_VERB=            P.ABN
                                              TADJ_VERB=           P.ABO
                                              T_VERBS=             P.ABP
                                              UNDW_VERB=           P.ABQ
                                              UNDL_VERB=           P.ABR
                                              U_VERBS=             P.ABS
                                              X_VERBS=             P.ABT
                                              CARET_VERB=          P.ABU
                                              VERB_TABLE=          P.ABV
                                              END_ENTITY=          P.ABW
                                              BW_ENT=              P.ABX
                                              BR_ENT=              P.ABY
                                              BL_ENT=              P.ABZ
                                              BPAR_ENT=            P.ACA
                                              BSEN_ENT=            P.ACB
                                              B_ENTS=              P.ACC
                                              C_ENTS=              P.ACD
                                              EQ_ENT=              P.ACE
                                              EL_ENT=              P.ACF
                                              ER_ENT=              P.ACG
                                              EPAR_ENT=            P.ACH
                                              ESEN_ENT=            P.ACI
                                              E_ENTS=              P.ACJ
                                              L_ENTS=              P.ACK
                                              N_ENTS=              P.ACL
                                              PAR_ENT=             P.ACM
                                              P_ENTS=              P.ACN
                                              SR_ENT=              P.ACO
                                              S_ENTS=              P.ACP
                                              V_ENTS=              P.ACQ
                                              W_ENTS=              P.ACR
```

```
EDTSCHMKEYWRD    EDTSCHMKEYWRD - look for a keyword        16-Sep-1984 00:03:17   VAX-11 Bliss-32 V4.0-742        Page 17
V04-000          EDTSSKEY_WORD  - look for a key word       14-Sep-1984 12:22:37   [EDT.SRC]CHMKEYWRD.BLI;1           (3)
```

```
                                                        D 2

                                            ENTITY_TABLE=         P.ACS
                                                .EXTRN    EDTSSB_CHAR_INFO
                                                .EXTRN    EDTSSA_CMD_END, EDTSSA_CMD_BUF
                                                .EXTRN    EDTSSINTER_ERR

                            03FC 00000          .ENTRY    EDTSSKEY_WORD, Save R2,R3,R4,R5,R6,R7,R8,R9  ; 0897
        59 00000000G    00   9E 00002           MOVAB     EDTSSB_CHAR_INFO, R9
        58 00000000G    00   9E 00009           MOVAB     EDTSSA_CMD_BUF, R8
                        08   BC D4 00010         CLRL      @KEY_NUM                                       0958
                        53   68 D0 00013         MOVL      EDTSSA_CMD_BUF, C_POINTER                       0959
                        52   83 9A 00016         MOVZBL    (C_POINTER)+, FIRST_CHAR                        0960
   03              6942 00   E1 00019            BBC       #0, EDTSSB_CHAR_INFO[FIRST_CHAR], 1$           0965
                        52   20 C2 0001E          SUBL2     #32, FIRST_CHAR
   01              01   04   AC CF 00021  1$:    CASEL     TABLE_NO, #1, #1                               0973
        002A            000D 00026  2$:          .WORD     3$-2$,-
                                                           4$-2$
        00000000G  00        00 FB 0002A         CALLS     #0, EDTSSINTER_ERR                             0997
                        48   11 00031            BRB       8$                                             0973
        00000041   8F        52 D1 00033  3$:    CMPL      FIRST_CHAR, #65                                0979
                        1B   19 0003A            BLSS      5$
        0000005E   8F        52 D1 0003C         CMPL      FIRST_CHAR, #94
                        1B   14 00043            BGTR      6$
        50          FE0F CF  9E 00045            MOVAB     VERB_TABLE, TABLE                              0981
        52            BF A2   9E 0004A            MOVAB     -65(R2), R2                                    0982
                        1B   11 0004E            BRB       7$
        00000042   8F        52 D1 00050  4$:    CMPL      FIRST_CHAR, #66                                0989
                        73   19 00057  5$:       BLSS      13$
        00000057   8F        52 D1 00059         CMPL      FIRST_CHAR, #87
                        6A   14 00060  6$:       BGTR      13$
        50          FF42 CF  9E 00062            MOVAB     ENTITY_TABLE, TABLE                            0991
        52            BE A2   9E 00067            MOVAB     -66(R2), R2                                    0992
   51   52              02   78 0006B  7$:       ASHL      #2, R2, TABLE_OFFSET
        52          FBE5 CF  9E 0006F            MOVAB     ADDR_BASE, R2                                   0993
                        6140 9F 00074            PUSHAB    (TABLE_OFFSET)[TABLE]
   50   52              9E   C1 00077            ADDL3     @(SP)+, R2, TABLE_PTR
        54          05   A0  9A 0007B  8$:       MOVZBL    5(TABLE_PTR), R4                               1000
                        48   13 0007F            BEQL      13$
        51          06   A0  9E 00081            MOVAB     6(R0), KW_POINTER                              1002
                        53   68 D0 00085          MOVL      EDTSSA_CMD_BUF, C_POINTER                      1003
                        57   01 D0 00088          MOVL      #1, FOUND                                      1004
        54              53   C1 0008B            ADDL3     R4, C_POINTER, R2                              1006
   52   00000000G  00   52  D1 0008F            CMPL      R2, EDTSSA_CMD_END
                        29   1A 00096            BGTRU     12$
                        55   D4 00098            CLRL      I                                              1010
                        15   11 0009A            BRB       11$
        52              83   9A 0009C  9$:       MOVZBL    (C_POINTER)+, CHAR                             1016
   03              6942 00   E1 0009F            BBC       #0, EDTSSB_CHAR_INFO[CHAR], 10$                1021
                        52   20 C2 000A4          SUBL2     #32, CHAR
        56              81   9A 000A7  10$:      MOVZBL    (KW_POINTER)+, R6                              1029
        56              52   D1 000AA            CMPL      CHAR, R6
                        02   13 000AD            BEQL      11$
                        57   D4 000AF            CLRL      FOUND
   E7   55              54   F3 000B1  11$:      AOBLEQ    R4, I, 9$                                      1010
        57              09   E9 000B5            BLBC      FOUND, 12$                                     1033
        08   BC    04   A0   9A 000B8            MOVZBL    4(TABLE_PTR), @KEY_NUM                         1036
        68              54   C0 000BD            ADDL2     R4, EDTSSA_CMD_BUF                             1040
                        04   000C0              RET                                                       1035
```

```
                                    54      FB93    CF  9E 000C1 12$:      MOVAB       ADDR_BASE, R4                                                      ; 1046
                        50          54              60  C1 000C6          ADDL3       (TABLE_PTR), R4, TABLE_PTR
                                                    AF  11 000CA          BRB         8$                                                                 ; 1000
                                                    04  04 000CC 13$:      RET                                                                           ; 1050
```

; Routine Size: 205 bytes,   Routine Base: _EDT$CODE + 03A8

;   481   1051 1
;   482   1052 1 !<BLF/PAGE>

EDT$CHMKEYWRD   EDT$CHMKEYWRD - look for a keyword   F 2   VAX-11 Bliss-32 V4.0-742   Page 19
V04-000   EDT$$KEY_WORD - look for a key word   16-Sep-1984 00:03:17   [EDT.SRC]CHMKEYWRD.BLI;1   (4)
                                                                 14-Sep-1984 12:22:37

```
: 484        1053  1 END                            ! of module EDT$CHMKEYWRD
: 485        1054  1
: 486        1055  0 ELUDOM
```

```
:                            PSECT SUMMARY

:       Name                        Bytes                          Attributes

: _EDT$CODE                           1141   NOVEC,NOWRT,  RD ,  EXE,  SHR,  LCL,  REL,  CON,  PIC,ALIGN(2)



:                            Library Statistics

:                                                -------- Symbols --------     Pages      Processing
:       File                                     Total   Loaded   Percent     Mapped     Time

: _$255$DUA28:[EDT.SRC]EDT.L32;1                   377     68        18         40        00:00.2
: _$255$DUA28:[EDT.SRC]PSECTS.L32;1                  2      1        50          7        00:00.1
: _$255$DUA28:[EDT.SRC]TRANSLATE.L32;1               6      0         0         57        00:00.1
: _$255$DUA28:[EDT.SRC]SUPPORTS.L32;1                2      1        50          5        00:00.1



:                            COMMAND QUALIFIERS

:     BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS$:CHMKEYWRD/OBJ=OBJ$:CHMKEYWRD MSRC$:CHMKEYWRD.BLI/UPDATE=(ENH$:C
:     HMKEYWRD)

: Size:         205 code + 936 data bytes
: Run Time:         00:29.1
: Elapsed Time:     00:33.8
: Lines/CPU Min:     2175
: Lexemes/CPU-Min: 11420
: Memory Used:  180 pages
: Compilation Complete
```
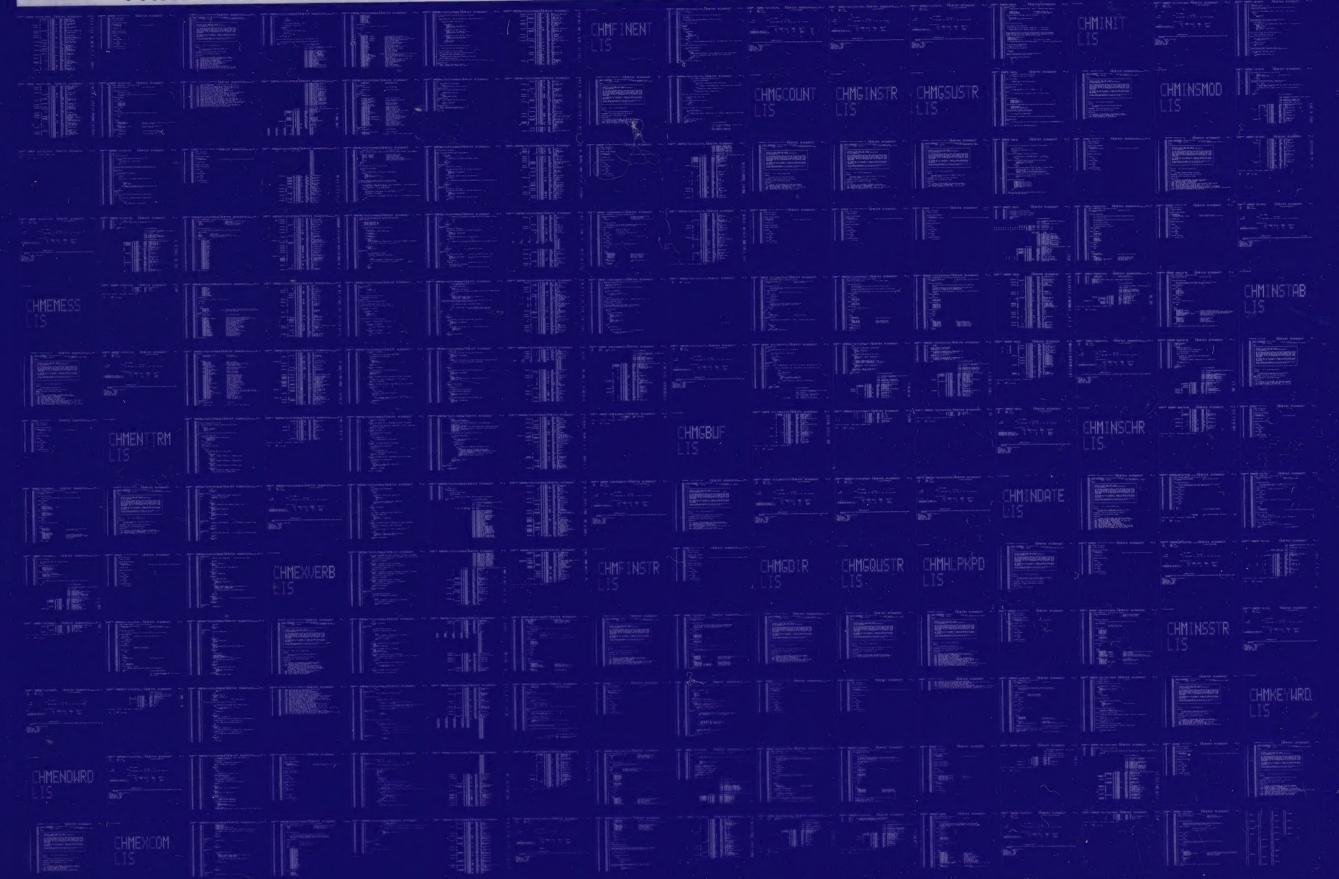
CHMFINENT
LIS

CHMINIT
LIS

CHMGCOUNT   CHMGINSTR   CHMGSUSTR
LIS   LIS   LIS

CHMINSMOD
LIS

CHMEMESS
LIS

CHMINSTAB
LIS

CHMENTTRM
LIS

CHMGBUF
LIS

CHMINSCHR
LIS

CHMINDATE
LIS

CHMEXVERB
LIS

CHMFINSTR
LIS

CHMGDIR   CHMGQUSTR   CHMHLPKPD
LIS   LIS   LIS

CHMINSSTR
LIS

CHMKEYWRD
LIS

CHMENDWRD
LIS

CHMEXCOM
LIS

CHMMRKCHG
LIS

CHMPARSEN
LIS

CHMSELPOS
LIS

CHMSPLLIN
LIS

DATA
LIS

CHMPAREN
LIS

CHMUNDEL
LIS

COMMAND
LIS

CHMONSTR
LIS

CHMSAVPOS
LIS

CHMSCHSTR
LIS

CHMREPOS
LIS

CHMMESS
LIS

CHMPASTE
LIS

CHMSENDEL
LIS

CHMTADJ
LIS

CHMSAVTXT
LIS

CLRKEY
LIS

CHMNEWLEN
LIS

CHMPARSE
LIS

CHMSAVLIN
LIS

CHMSUBS
LIS